

REMARKS

Claims 1-48 are pending and are subject to a restriction requirement under 35 U.S.C. § 121. The Office alleges that the claims are directed to 2 distinct inventions, as set forth below:

Group I : Claims 1-29 and 47-48, directed to a method of normalizing genetic data for n loci, a genotyping system and method for determining a genotype score; and

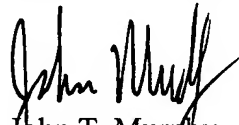
Group II : Claims 30-46, directed to a method for clustering genetic data for n loci.

Applicant elects without traverse, the invention of Group I, claims 1-29 and 47-48 for prosecution on the merits.

CONCLUSION

In light of the Amendments and Remarks herein, Applicant submits that the claims are in condition for allowance and respectfully requests a notice to this effect. The Examiner is invited to call the undersigned agent should there be any questions.

Respectfully submitted,



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